

# **SBCCOM**

## **MODIFICATION WORK ORDER (MWO) PROGRAM**

**1999**



## **SOLDIER AND BIOLOGICAL CHEMICAL COMMAND**

# SBCCOM MWO OFFICE

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## MODIFICATION PROGRAM REVIEW

**SYSTEM:** M17 DECONTAMINATING APPARATUS: POWER DRIVEN,  
LIGHTWEIGHT

**TITLE OF MWO:** SIPHON INJECTOR ASSEMBLY

**MWO NUMBER:** 3-4230-228-20-1

**PURPOSE:** THE PURPOSE OF THIS MODIFICATION IS TO ADD A SHUT-OFF GATE VALVE TO THE SIPHON INJECTOR ASSEMBLY OF THE M17 SERIES DECONTAMINATION SYSTEM. WITH THE SHUT-OFF VALVE INSTALLED, THE INJECTOR CAN BE TURNED OFF TO STOP ANY UNWANTED SIPHONING FLOW FROM THE WATER SOURCE BETWEEN WASH OPERATIONS. BESIDES THE WASTE OF WATER, THE OPERATOR HAD TO ALSO ELEVATE THE INJECTOR ASSEMBLY ABOVE THE HEIGHT OF THE WATER SOURCE TO KEEP THE WATER FROM FLOWING OUT OF THE INJECTOR ASSEMBLY. THE INSTALLED GATE VALVE WILL ALLOW THE OPERATOR TO LAY THE INJECTOR ASSEMBLY ON THE GROUND IN THE WASH AREA BETWEEN OPERATIONS, SAVING BOTH TIME AND WATER.

**KIT AVAILABILITY:** AVAILABLE

**METHOD OF APPLICATION:** UNIT LEVEL

**MANHOURS PER APPLICATION:** .33 HOURS

**CLASSIFICATION:** ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
99	2100	0	1000	315
00	2100			

**REMARKS:** DISTRIBUTION OF MWOFPS HAS JUST BEGUN. KIT SHIPMENTS CAN BE MADE TO INDIVIDUAL LOCATIONS IMMEDIATELY UPON RETURN OF MWOFPS INFORMATION.

**POC:** MS JENNIFER COOK, AMSSC-HB(RI) DSN 793-7011

## MODIFICATION PROGRAM REVIEW

**SYSTEM:** MASK-CHEMICAL-BIOLOGICAL: FIELD M40, M40A1, M42A2

**TITLE OF MWO:** RETAINING CLAMP

**MWO NUMBER:** 3-4240-347-20-1

**PURPOSE:** TO ENHANCE DURABILITY OF THE M40 AND M42 SERIES PROTECTIVE MASKS BY INSTALLING A RETAINING CLAMP ON TO THE FACEPIECE WHICH WILL PRECLUDE ANY ADDITIONAL SEPARATION (IF PRESENT) OF THE SILICONE RUBBER FROM THE OUTLET VALVE HOUSING.

**KIT AVAILABILITY:** AVAILABLE

**METHOD OF APPLICATION:** UNIT LEVEL

**MANHOURS PER APPLICATION:** .133 HRS

**CLASSIFICATION:** ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
99	1,000,000	0	400,000	340,000
00	1,000,000		400,000	

**REMARKS:** MWOFB NEGOTIATION & KIT SHIPMENT ON-GOING

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## MODIFICATION PROGRAM REVIEW

**SYSTEM:** FIELD KITCHEN, TRAILER MOUNTED

**TITLE OF MWO:** MODIFICATION OF MOBILE KITCHEN TRAILER (MKT)

**MWO NUMBER:** 10-7630-206-30-1

**PURPOSE:** THE PURPOSE OF THIS MWO IS TO MODIFY THE MOBILE KITCHEN TRAILER (MKT) FOR THE INSTALLATION OF THE MODERN BURNER UNIT (MBU). THIS MODIFICATION WILL CONSIST OF INSTALLING FIVE ONE-HALF INCH CABLE CLAMPS ON THE PLATFORM ASSEMBLY UNDER THE MKT TRILER, INSTALLING A FEEDER CABLE HARNESS AND INSTALLING A POWER CONVERTER MOUNTING BRACKET ASSEMBLY. THE POWER CONVERTER AND THE CONNECTING POWER CABLES WILL BE PROVIDED WITH THE MBU WHICH WILL REPLACE THE M2/M2A BURNERS.

**KIT AVAILABILITY:** AVAILABLE

**METHOD OF APPLICATION:** CONTRACTOR TEAM

**MANHOURS PER APPLICATION:** 4 MANHOURS (2 PERSONNEL 2 HOURS EACH)

**CLASSIFICATION:** ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
99	4277	532	623	313
00	4277			

**REMARKS:** MWO IS ON-GOING. APPLICATIONS ARE IN CONJUNCTION WITH FIELDING OF THE NEW MODERN BURNER UNIT (MBU). SCHEDULE FOR NEXT YEAR IS YET TO BE DETERMINED.

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## MODIFICATION PROGRAM REVIEW

**SYSTEM:** MODULAR FIELD KITCHEN (MFK)

**TITLE OF MWO:** MODIFICATION OF THE DOUBLE BURNER RACK  
ASSEMBLY

**MWO NUMBER:** 10-7630-208-30-1

**PURPOSE:** THE PURPOSE OF THIS MWO IS TO MODIFY THE DOUBLE BURNER RACK ASSEMBLY. THE MODIFICATION WILL CONSIST OF THE INSTALLATION OF TWO SQUARE 6063 ALUMINUM TUBING SPACERS AT OPPOSITE ENDS OF THE RACK ASSEMBLY. THIS APPLICATION WILL ALLOW FOR ADDITIONAL SPACE BETWEEN THE MBU AND THE STEAM TABLE ADAPTER TOP TO INCREASE HEAT AND AIR TRANSFER. THIS IS NECESSARY IN ORDER FOR PROPER COMBUSTION OF THE MBU WHEN USED IN THE STEAM TABLE CONFIGURATION.

**KIT AVAILABILITY:** KITS AVAILABLE

**METHOD OF APPLICATION:** CONTRACTOR TEAM

**MANHOURS PER APPLICATION:** 4 MANHOURS (2 PERSONNEL 2 HOURS EACH)

**CLASSIFICATION:** ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
99	367	0	46	46
00	367			

**REMARKS:** APPLICATIONS PLANNED FOR THIS YEAR ARE COMPLETE. SCHEDULE FOR NEXT YEAR IS IN PLANNING AT THIS TIME.

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## MODIFICATION PROGRAM REVIEW

**SYSTEM:** M157 SMOKE GENERATOR SET

**TITLE OF MWO:** MODIFICATION OF M157 SMOKE GENERATOR SET (SGS),  
W/80 GALLON FOG OIL TANK (1040-01-293-5496) (EIC 5CE) AND  
W/120 GALLON FOG OIL TANK (NSN 1040-01-206-0147)(EIC 5CD)

**MWO NUMBER:** 3-1040-279-50-1

**MC NUMBER:** 1-91-08-7386

**PURPOSE:** TO CONVERT THE M157 SMOKE GENERATOR SET (SGS),  
MOUNTED ON THE M1037 AND M1097 HIGH MOBILITY MULTIPURPOSE  
WHEELED VEHICLE (HMMWV) INTO THE M157A2 MULTIFUEL SGS,  
CAPABLE OF USING JP5, JP8, DF1, DF2 AND DFA. THE M157A2 SGS WILL  
ALSO INCORPORATE CHANGES THAT WILL RESULT IN VISUAL SMOKE  
PRODUCTION TO 1.5 HRS AND IN MORE RELIABLE LOW TEMPERATURE  
(BELOW 45 DEG F) STARTS AND HOT RESTARTS.

**KIT AVAILABILITY:** AVAILABLE

**KIT NSN:** 1040-01-414-3177

**METHOD OF APPLICATION:** SBCCOM TEAM

**MANHOURS PER APPLICATION:** 16 HRS (2 PERSONNEL)    **DOWNTIME:** 8  
HRS

**CLASSIFICATION:** ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
99	337	64	120	48
00	337		36	

**REMARKS:** THIS UPGRADE TO THE M157A2 SGS WILL BE PERFORMED BY  
EXCHANGING THE M54 SMOKE GENERATORS AND MOUNTING BRACKETS,  
AIR COMPRESSOR MOUNTING PLATE AND BY THE MODIFYING/  
RELOCATING OF THE FOG OIL PUMP ASSEMBLY AND GENERATOR FUEL  
DELIVERY SYSTEM.

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## MODIFICATION PROGRAM REVIEW

**SYSTEM:** M157 SMOKE GENERATOR SET

**TITLE OF MWO:** MODIFICATION OF M157 SMOKE GENERATOR SET (SGS),  
W/120 GALLON FOG OIL TANK (NSN 1040-01-206-0147)

**MWO NUMBER:** 3-1040-279-50-2

**MC NUMBER:** 1-97-08-8002

**PURPOSE:** TO CONVERT THE M157 SMOKE GENERATOR SET (SGS),  
MOUNTED ON THE M113 SERIES ARMORED PERSONNEL CARRIER (APC)  
M1059 SMOKE GENERATOR CARRIER (SGC) INTO THE M157A2 MULTIFUEL  
SGS, CAPABLE OF USING MOGAS, JPH, JP5, JP8, DF1, DF2 AND DFA. THE  
M157A2 SGS WILL ALSO INCORPORATE CHANGES THAT WILL RESULT IN  
VISUAL SMOKE PRODUCTION TO 1.5 HRS AND IN MORE RELIABLE LOW  
TEMPERATURE (BELOW 45 DEG F) STARTS AND HOT RESTARTS.

**KIT AVAILABILITY:** AVAILABLE

**KIT NSN:** 1040-01-414-3176

**METHOD OF APPLICATION:** SBCCOM TEAM

**MANHOURS PER APPLICATION:** 14 HRS (2 PERSONNEL) **DOWNTIME:** 7.0  
HRS

**CLASSIFICATION:** ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
99	285	70	0	0
00	285		63	

**REMARKS:** THIS UPGRADE TO THE M157A2 SGS WILL BE PERFORMED BY  
EXCHANGING THE M54 SMOKE GENERATORS FOR M54A2 SGS,  
MODIFICATION OF THE FOG OIL PUMP ASSEMBLY AND AIR PRESSURE  
TANK. FUEL/WATER SEPARATORS ARE MOUNTED ON EACH ARMOR  
SHIELD ASSEMBLY, ONE FOR EACH M54A2 SG.

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## MODIFICATION PROGRAM REVIEW

**SYSTEM:** SHIPPING AND STORAGE CONTAINER, REFRIGERATED

**TITLE OF MWO:** INSTALLATION OF ROLLER SYSTEM KIT

**MWO NUMBER:** 55-8145-201-50-1

**PURPOSE:** THE PURPOSE OF THIS MWO IS TO PROVIDE INSTRUCTION FOR INSTALLATION OF A ROLLER SYSTEM KIT (RSK) FOR MOUNTING A 10KW TACTICAL QUIET GENERATOR (TQG) ONTO THE REFRIGERATED CONTAINER. THE TQG REPLACES THE OLDER 10 KW MEP003A GENERATOR THAT WAS INITIALLY PROVIDED WITH THE REFRIGERATED CONTAINER. THE RSK WHEN INSTALLED ALLOWS THE TQG TO BE ROLLED OUT FROM THE FRONT OF THE REFRIGERATED CONTAINER, SO THAT MAINTENANCE PERSONNEL CAN ACCESS THE LEFT SIDE (REAR) PANEL(S) FOR MAINTENANCE AND TROUBLESHOOTING INITIATIVES.

**KIT AVAILABILITY:** 34 KITS AVAILABLE FOR THIS YEAR

**METHOD OF APPLICATION:** DEPOT LEVEL OR EQUIVILANT

**MANHOURS PER APPLICATION:** 16 HRS (TWO PERSONNEL 8 HOURS EACH)

**CLASSIFICATION:** ROUTINE

FY	TOTAL REQD	APPL PRIOR YEAR	PLAN CURR YEAR	APPL CURR YEAR
99	400	0	34	0
00	400			

**REMARKS:** ONLY 34 KITS WILL BE FIELDDED THIS YEAR. THE 90<sup>TH</sup> RSC (AT FT POLK HAS RECEIVED 21 KITS) AND 13 WILL GO TO FT BRAGG. AVAILABILITY OF KITS WILL DETERMINE SCHEDULE FOR NEXT YEAR.

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